BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no. 01		**Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding whereverнecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all liftsas per specifications. and as per the directions of the Engineer-in-charge of the work**							
Measurements Taken On :									
		Drain							
		SBI Main Road							
		Left Side							
0	30		Cum	1	30	0.9	0.75	20.25	
30	37.3		Cum	1	7.3	0.9	0.75	4.9275	
		Right side							
0	30		Cum	1	30	0.9	0.75	20.25	
30	45		Cum	1	15	0.9	0.75	10.125	
45	57.4		Cum	1	12.4	0.9	0.75	8.37	
		Front Of Pavana Hospital							
0	22		Cum	1	22	0.9	0.65	12.87	
		Right side							
0	30		Cum	1	30	0.9	0.65	17.55	
30	41.5		Cum	1	11.5	0.9	0.65	6.7275	
		1st C main Near Anganavadi							
		LHS							
0	30		Cum	1	30	0.9	0.65	17.55	
30	40		Cum	1	10	0.9	0.65	5.85	
		Culvert							
		For culvert							
		Front of Gopalappa house	Cum	1	5.6	1.60	0.95	8.512	

4/11/2019

CIVIL Pro Sig Date BANGALORE PMC

Contactor

Assistant Engineer

Assistant Executive Engineer

A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		Opposite of gopalappa house	Cum	1	8	1.60	0.95	12.16	
		1st C main Near Anganavadi	Cum	1	6.4	1.60	0.95	9.728	
		Near Corporation Bank	Cum	1	5	1.8	0.95	8.55	
		RR Kalyan Mantapa	Cum	1	6.2	1.8	0.95	10.602	
		1st Cross	cum	1	7.5	1.8	0.95	12.825	
							Total	186.847	

6/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

SERVICES

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no. 02		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		Little angel school road							
		RHS							
0	2.4		``	1	2.4	0.75		1.8	
6	7.2		Sqm	1	1.2	0.75		0.9	
14	15.8		Sqm	1	1.8	0.75		1.35	
8	9.2		Sqm	1	1.2	0.75		0.9	
15	16.8		Sqm	1	1.8	0.75		1.35	
		LHS							
3	4.2		sqm	1	1.2	0.75		0.9	
2	3.2		Sqm	1	1.2	0.75		0.9	
13	23.6		Sqm	1	3	0.75		2.25	
		Circle end point							
		RR Kalyanamantapa road							
		RHS							
4	7		Sqm	1	3	0.75		2.25	
		LHS							
2	3.2		Sqm	1	1.2	0.75		0.9	
4	6.4		Sqm	1	2.4	0.75		1.8	
		Cross Road							
		RHS							
7	13		Sqm	1	6	0.75		4.5	
12	18		Sqm	1	6	0.75		4.5	
		LHS							
2	4.4		Sqm	1	2.4	0.75		1.8	

8/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

SERVICES

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
12	21		Sqm	1	9	0.75		6.75	
		Cross Road							
		RHS							
4	13		Sqm	1	9	0.75		6.75	
1	3.4		Sqm	1	2.4	0.75		1.8	
16	25		Sqm	1	9	0.75		6.75	
2	3.2		Sqm	1	1.2	0.75		0.9	
		Opposite of gopalappa house end							
		LHS							
18	27	**BB Main road**	Sqm	1	9	0.75		6.75	
14	20	1st C Main	Sqm	1	6	0.75		4.5	
3	5.4		Sqm	1	2.4	0.75		1.8	
8	11		Sqm	1	3	0.75		2.25	
		Water plant road towadrds MEC School							
12	21	LHS	Sqm	1	9	0.75		6.75	
6	7.2	RHS	Sqm	1	1.2	0.75		0.9	
12	18	RHS	Sqm	1	6	0.75		4.5	
20	23.6		Sqm	1	3.6	0.75		2.7	
1	3.4		Sqm	1	2.4	0.75		1.8	
18	27		Sqm	1	9	0.75		6.75	
9	15		Sqm	1	6	0.75		4.5	
		LHS							
25	25.6		Sqm	1	0.6	0.75		0.45	
1	7		Sqm	1	6	0.75		4.5	
2	3.2		Sqm	1	1.2	0.75		0.9	

8/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
1	7		Sqm	1	6	0.75		4.5	
12	21		Sqm	1	9	0.75		6.75	
8	17		Sqm	1	9	0.75		6.75	
							Total	**116.1**	9/11/19

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no.03		Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		New Drain							
		SBI Main Road							
		Left Side							
0	30		Cum	1	30.00	1.2	1.00	34.50	
30	37.3		Cum	1	7.30	1.2	1.00	8.40	
		Right side							
0	30		Cum	1	30.00	1.20	1.00	36.00	
30	45		Cum	1	15.00	1.20	1.00	18.00	
45	57.4		Cum	1	12.40	1.20	1.00	14.88	
		Railway Paralell Road							
0	12		Cum	1	12.00	1.20	1.00	14.40	
12	30		Cum	1	18.00	1.20	1.00	21.60	
30	57		Cum	1	27.00	1.20	1.00	32.40	
		School Opposite							
0	18.8		Cum	1	18.80	1.20	1.00	22.56	
		Front Of Pavavva Hospital							
		Left Side							
0	22		Cum	1	22.00	1.20	1.00	26.40	
		Right side							
0	30		Cum	1	30.00	1.20	1.00	36.00	
30	41.5		Cum	1	11.50	1.20	1.00	13.80	
		near Railway Track							
0	22		Cum	1	22	1.2	0.95	25.08	
		1st C main Near Anganavadi							

11/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		LHS							
0	30		Cum	1	30	1.2	0.95	34.20	
30	40		Cum	1	10	1.2	0.95	11.40	
		RHS							
0	30		Cum	1	30	1.2	0.95	34.20	
30	40		Cum	1	10	1.2	0.95	11.40	
		For culvert							
		Front of Gopalappa house	Cum	1	5.60	1.60	1.20	10.75	
		Opposite of gopalappa house	Cum	1	8.00	1.60	1.20	15.36	
		1st C main Near Anganavadi	Cum	1	6.40	1.60	1.20	12.29	
		Near Corporation Bank	Cum	1	5.00	1.6	0.95	7.60	
		RR Kalyan Mantapa	Cum	1	6.20	1.4	0.95	8.25	
		1st Cross	cum	1	7.50	1.4	0.95	9.98	
		Near VM comforts	cum	1	7.80	1.4	0.95	10.37	
		Desilt							
		Little angel school road							
		RHS							
0	12.5		Cum	1	12.50	0.45	0.50	2.81	
0	14		Cum	1	14.00	0.45	0.50	3.15	
14	32.9		Cum	1	18.90	0.45	0.50	4.25	
0	14		Cum	1	14.00	0.45	0.50	3.15	
14	32.9		Cum	1	18.90	0.45	0.50	4.25	

11/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		LHS							
0	9.2		Cum	1	9.20	0.45	0.50	2.07	
0	9.6		Cum	1	9.60	0.45	0.50	2.16	
9.6	23.6	Circle end point	Cum	1	14.00	0.45	0.50	3.15	
		RR Kalyanamantapa road							
		RHS							
0	11		Cum	1	11.00	0.45	0.50	2.48	
		LHS							
0	7.7		Cum	1	7.70	0.45	0.50	1.73	
0	8		Cum	1	8.00	0.45	0.50	1.80	
		Cross Road							
		RHS							
0	30		Cum	1	30.00	0.45	0.50	6.75	
0	19.5		Cum	1	19.50	0.45	0.50	4.39	
		LHS							
0	8.2		Cum	1	8.20	0.45	0.50	1.85	
0	30		Cum	1	30.00	0.45	0.50	6.75	
		Cross Road							
		RHS							
0	30		Cum	1	30.00	0.45	0.50	6.75	
0	8		Cum	1	8.00	0.45	0.50	1.80	
0	30		Cum	1	30.00	0.45	0.50	6.75	
0	5	Opposite of gopalappa house end	Cum	1	5.00	0.45	0.50	1.13	
		LHS							
		BB Main road							
0	28		Cum	1	28.00	0.45	0.50	6.30	
		1st C Main							
0	30		Cum	1	30.00	0.45	0.50	6.75	
0	9		Cum	1	9.00	0.45	0.50	2.03	

12/12/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
0	13		Cum	1	13.00	0.45	0.50	2.93	
		Water plant road towadrds MEC School							
		LHS							
0	23		Cum	1	23.00	0.45	0.50	5.18	
		RHS							
0	12		Cum	1	12.00	0.45	0.50	2.70	
		BB main road towards water plant							
		RHS							
0	18		Cum	1	18.00	0.45	0.50	4.05	
0	25		Cum	1	25.00	0.45	0.50	5.63	
0	4.4		Cum	1	4.40	0.45	0.50	0.99	
0	30		Cum	1	30.00	0.45	0.50	6.75	
0	19.7		Cum	1	19.70	0.45	0.50	4.43	
		LHS							
0	30		Cum	1	30.00	0.45	0.50	6.75	
0	20.2		Cum	1	20.20	0.45	0.50	4.55	
0	6.8		Cum	1	6.80	0.45	0.50	1.53	
0	5.8		Cum	1	5.80	0.45	0.50	1.31	
0	26		Cum	1	26.00	0.45	0.50	5.85	
0	18		Cum	1	18.00	0.45	0.50	4.05	
		Deductions							
		SBI Main Road							
		Left Side							
0	30		Cum	1	30	0.9	0.75	-20.25	
30	37.3		Cum	1	7.3	0.9	0.75	-4.93	
		Right side							
0	30		Cum	1	30	0.9	0.75	-20.25	
30	45		Cum	1	15	0.9	0.75	-10.13	
45	57.4		Cum	1	12.4	0.9	0.75	-8.37	

12/11/19

CIVIL Pro

Contactor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		Front Of Pavana Hospital							
0	22		Cum	1	22	0.9	0.65	-12.87	
		Right side							
0	30		Cum	1	30	0.9	0.65	-17.55	
30	41.5		Cum	1	11.5	0.9	0.65	-6.73	
		1st C main Near Anganavadi							
		LHS							
0	30		Cum	1	30	0.9	0.65	-17.55	
30	40		Cum	1	10	0.9	0.65	-5.85	
		Culvert							
		For culvert							
		Front of Gopalappa house	Cum	1	5.6	1.6	0.95	-8.51	
		Opposite of gopalappa house	Cum	1	8	1.6	0.95	-12.16	
		1st C main Near Anganavadi	Cum	1	6.4	1.6	0.95	-9.73	
		Near Corporation Bank	Cum	1	5	1.8	0.95	-8.55	
		RR Kalyan Mantapa	Cum	1	6.2	1.8	0.95	-10.60	
		1st Cross	cum	1	7.5	1.8	0.95	-12.83	
							Total	**421.88**	

12/11/12

CIVIL Pro Sig. Date. BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

A.E.E

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no.04		**Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work**							
Measurements Taken On :									
		SBI Main Road							
		Left Side							
0	30		Cum	1	30	1.2	0.15	5.4	
30	37.3		Cum	1	7.3	1.2	0.15	1.314	
		Right side							
0	30		Cum	1	30	1.2	0.15	5.4	
30	45		Cum	1	15	1.15	0.15	2.5875	
45	57.4		Cum	1	12.4	1.15	0.15	2.139	
		Railway Paralell Road							
0	12		Cum	1	12.00	1.20	0.15	2.16	
12	30		Cum	1	18.00	1.20	0.15	3.24	
30	57		Cum	1	27.00	1.20	0.15	4.86	
		School Opposite							
0	18.8		Cum	1	18.80	1.20	0.15	3.38	
		Front Of Pavavva Hospital							
		Left Side							
0	22		Cum	1	22.00	1.20	0.15	3.96	
		Right side							
0	30		Cum	1	30.00	1.20	0.15	5.40	
30	41.5		Cum	1	11.50	1.20	0.15	2.07	
		near Railway Track							
0	22		Cum	1	22	1.20	0.15	3.96	

18/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		1st C main Near Anganavadi							
		LHS							
0	30		Cum	1	30	1.2	0.15	5.40	
30	40		Cum	1	10	1.2	0.15	1.80	
		RHS							
0	30		Cum	1	30	1.2	0.15	5.40	
30	40		Cum	1	10	1.2	0.15	1.80	
		For culvert							
		Front of Gopalappa house	Cum	1	5.60	1.40	0.15	1.18	
		Opposite of gopalappa house	Cum	1	8.00	1.40	0.15	1.68	
		1st C main Near Anganavadi	Cum	1	6.40	1.40	0.15	1.34	
		Near Corporation Bank	Cum	1	5.00	1.6	0.15	1.20	
		RR Kalyan Mantapa	Cum	1	6.20	1.4	0.15	1.30	
		1st Cross	cum	1	7.50	1.4	0.15	1.58	
		Near VM comforts	cum	1	7.80	1.4	0.15	1.64	
							Total	70.19	

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 06		**Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work**							
Measurements Taken On :									
		for Drain 60 kg	Tonne		From calculation sheet			3.85	
		for Culvert 90 kg	Tonne		From calculation sheet			8.30	
							TOTAL	12.15	

21/11/19

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

A.E.E

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no.09		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		SBI Main Road							
		Left Side							
0	7.3		Cum	1	7.30	0.40	0.15	0.44	
7.3	33.7	26.4 to 30 No Kerb	Cum	1	26.40	0.40	0.15	1.58	
0	30		Cum	1	30.00	0.40	0.15	1.80	
30	41		Cum	1	11.00	0.40	0.15	0.66	
		Right side							
0	22.7		Cum	1	22.70	0.40	0.15	1.36	
22.7	52.7		Cum	1	30.00	0.40	0.15	1.80	
52.7	57.4		Cum	1	4.70	0.40	0.15	0.28	
0	17.8		Cum	1	17.80	0.40	0.15	1.07	
17.8	31.8		Cum	1	14.00	0.40	0.15	0.84	
0	17.2		Cum	1	17.20	0.40	0.15	1.03	
0	32.5		Cum	1	32.50	0.40	0.15	1.95	
		Little angel school road							
		RHS							
0	12.5		Cum	1	12.50	0.40	0.15	0.75	
0	14		Cum	1	14.00	0.40	0.15	0.84	
14	32.9		Cum	1	18.90	0.40	0.15	1.13	

19/11/19

CIVIL Pro Sig. Date BANGALORE

Contactor

PMC

Assistant Engineer

AEE

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
0	14		Cum	1	14.00	0.40	0.15	0.84	
14	32.9		Cum	1	18.90	0.40	0.15	1.13	
		LHS							
0	9.2		Cum	1	9.20	0.40	0.15	0.55	
0	9.6		Cum	1	9.60	0.40	0.15	0.58	
9.6	23.6	Circle end point	Cum	1	14.00	0.40	0.15	0.84	
0	9	At the Circle	Cum	1	9.00	0.40	0.15	0.54	
		RR Kalyanamantapa road							
		RHS							
0	11		Cum	1	11.00	0.40	0.15	0.66	
		LHS							
0	7.7		Cum	1	7.70	0.40	0.15	0.46	
0	8		Cum	1	8.00	0.40	0.15	0.48	
		Cross Road							
		RHS							
0	30		Cum	1	30.00	0.40	0.15	1.80	
0	19.5		Cum	1	19.50	0.40	0.15	1.17	
		LHS							
0	8.2		Cum	1	8.20	0.40	0.15	0.49	
0	30		Cum	1	30.00	0.40	0.15	1.80	
		Cross Road							
		RHS							
0	30		Cum	1	30.00	0.40	0.15	1.80	
0	8		Cum	1	8.00	0.40	0.15	0.48	
0	30		Cum	1	30.00	0.40	0.15	1.80	
0	5	Opposite of gopalappa house end	Cum	1	5.00	0.40	0.15	0.30	
		LHS							
		BB Main road							
0	28		Cum	1	28.00	0.40	0.15	1.68	

21/11/19

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		1st C Main							
0	30		Cum	1	30.00	0.40	0.15	1.80	
0	9		Cum	1	9.00	0.40	0.15	0.54	
0	13		Cum	1	13.00	0.40	0.15	0.78	
		Water plant road towadrds MEC School							
		LHS							
0	23		Cum	1	23.00	0.40	0.15	1.38	
0	17.1		Cum	1	17.10	0.40	0.15	1.03	
		RHS							
0	12		Cum	1	12.00	0.40	0.15	0.72	
		BB main road towards water plant							
		RHS							
0	18		Cum	1	18.00	0.40	0.15	1.08	
0	25		Cum	1	25.00	0.40	0.15	1.50	
0	4.4		Cum	1	4.40	0.40	0.15	0.26	
0	30		Cum	1	30.00	0.40	0.15	1.80	
0	19.7		Cum	1	19.70	0.40	0.15	1.18	
		LHS							
0	30		Cum	1	30.00	0.40	0.15	1.80	
0	20.2		Cum	1	20.20	0.40	0.15	1.21	
0	6.8		Cum	1	6.80	0.40	0.15	0.41	
0	5.8		Cum	1	5.80	0.40	0.15	0.35	
0	26		Cum	1	26.00	0.40	0.15	1.56	
0	18		Cum	1	18.00	0.40	0.15	1.08	
		Corporation Bank Road							
		House no 1754#							
		RHS							
0	24.5		Cum	1	24.50	0.40	0.15	1.47	
0	6		Cum	1	6.00	0.40	0.15	0.36	
0	13.6		Cum	1	13.60	0.40	0.15	0.82	

21/11/19

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
0	5.8		Cum	1	5.80	0.40	0.15	0.35	
		Near MBC School							
0	8		Cum	1	8.00	0.40	0.15	0.48	
							Total	54.90	

22/11/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no.12		**Scarifying by mechanical means stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges complete as per specifications. and as per the directions of the Engineer-in-charge of the work**							
Measurements Taken On :									
		Parallel road to railway track							
			Sqm	1	10.00	16.00		160.00	
			Sqm	1	8.00	10.00		80.00	
			Sqm	1	11.00	4.00		44.00	
							TOTAL	**284.00**	

25/11/19

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no.13		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		Parallel road to railway track							
			Sqm	1	13.00	3.80		49.40	
			Sqm	1	15.00	10.00		150.00	
			Sqm	1	37.00	4.60		170.20	
		MES School Road							
			Sqm	1	71.00	4.00		284.00	
		infront of school							
			Sqm	1	33.00	4.00		132.00	
							Total	785.60	

28.11.19

CIVIL Pro Sig. Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

A.E.E

SURVEYING SERVICES

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no. 14		Compaction of original ground by mechanical means including gilling in depression occuring during rolling including cost of all labour,HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		Zehara bhanu house road							
			Sqm	1	2.80	3.40		9.52	
			Sqm	1	15.00	3.10		46.50	
			Sqm	1	15.00	3.50		52.50	
			Sqm	1	15.70	3.50		54.95	
		MEC School Road							
			Sqm	1	15.00	4.10		61.50	
			Sqm	1	15.00	3.80		57.00	
			Sqm	1	15.00	3.80		57.00	
			Sqm	1	15.00	3.80		57.00	
			Sqm	1	11.00	3.70		40.70	
		Pavana Hospital road							
			Sqm	1	15.00	4.80		72.00	
			Sqm	1	15.00	4.90		73.50	
			Sqm	1	11.50	5.00		57.50	
		SBI Bank main road dead end							
			Sqm	1	2.00	4.50		9.00	
			Sqm	1	5.30	5.60		29.68	
			Sqm	1	13.00	6.10		79.30	
		In front of School							
			Sqm	1	10.00	6.00		60.00	
			Sqm	1	12.85	10.00		128.50	
		Railway parallel road							
			Sqm	1	5.50	3.30		18.15	

28/11

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

SURVEYING SERVICES

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
			Sqm	1	4.00	3.70		14.80	
			Sqm	1	15.00	4.70		70.50	
			Sqm	1	15.00	4.30		64.50	
			Sqm	1	15.00	5.50		82.50	
			Sqm	1	19.00	9.00		171.00	
			Sqm	1	11.00	4.80		52.80	
		Appayanna Beedi							
0	15		Sqm	1	15	3		45.00	
15	35		Sqm	1	20	2.55		51.00	
							Total	1516.40	

28/11/17

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no. 15		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications							
Measurements Taken On :									
		Appayanna Beedi							
0	15		cum	1	15	3	0.2	9.00	
15	35		cum	1	20	2.55	0.2	10.20	
							Total	19.20	29/11/19

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item no. 16		Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		Zehara bhanu house road							
0	2.8		Cum	1	2.80	3.40	0.15	1.43	
2.8	17.8		cum	1	15.00	3.10	0.15	6.98	
17.8	32.8		cum	1	15.00	3.50	0.15	7.88	
32.8	48.5		cum	1	15.70	3.50	0.15	8.24	
		MEC School Road							
0	15		cum	1	15.00	4.10	0.15	9.23	
15	30		cum	1	15.00	3.80	0.15	8.55	
30	45		cum	1	15.00	3.80	0.15	8.55	
45	60		cum	1	15.00	3.80	0.15	8.55	
60	71		cum	1	11.00	3.70	0.15	6.11	
		In front of school							
			cum	1	7.30	6.50	0.15	7.12	
		Area=L*B							
		Length= ((22.8+12.3)/2) =17.55	cum	1	17.55	16.70	0.15	43.96	
		Width= ((15.9+17.5)/2) =16.7							
		Railway parallel road							
0	5.5		cum	1	5.50	3.30	0.15	2.72	
5.5	9.5		cum	1	4.00	3.70	0.15	2.22	

2/12/19

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

AEE

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to roads and drains in Yelahanka old Town areas Gandhinagara SC-ST areas and surroundings areas in ward no: 01 Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
9.5	24.5		cum	1	15.00	4.70	0.15	10.58	
24.5	39.5		cum	1	15.00	4.30	0.15	9.68	
39.5	54.5		cum	1	15.00	5.50	0.15	12.38	
54.5	73.5		cum	1	19.00	9.00	0.15	25.65	
73.5	84.5		cum	1	11.00	4.80	0.15	7.92	
		Pavana Hospital road							
0	15		cum	1	15.00	4.80	0.15	10.80	
15	30		cum	1	15.00	4.90	0.15	11.03	
30	41.5		cum	1	11.50	5.00	0.15	8.63	
		SBI Bank main road dead end							
0	2		cum	1	2.00	4.50	0.15	1.35	
2	7.3		cum	1	5.30	5.70	0.15	4.53	
7.3	20.3		cum	1	13.00	6.15	0.15	11.99	
		Appayanna Beedi							
0	15		cum	1	15	3	0.15	6.75	
15	35		cum	1	20	2.55	0.15	7.65	
							Total	250.44	

CIVIL Pro Sig. Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

G SERVICES